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March 28, 2007

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

WRITER'S DIRECT NUMBER:
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Art Unit 1614

Attn: Mail Stop PCT

Re: U.S. Utility Patent Application No. 10/584,027
(U.S. Nat'l Phase of PCT/EP2004/014453; Int'l Filing Date: December 18, 2004)
For: **Amides**
Inventors: **LINKER et al.**
Our Ref: 2400.0570000/VLC/CMB

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. § 371;
2. Information Disclosure Statement Under 37 C.F.R. § 1.97(b);
3. Form PTO/SB/08A listing twenty-five (25) cited documents;
4. Copies of nineteen (19) of the twenty-five (25) cited documents (**FP1-FP19**);
5. Form PTO/SB/08B listing twenty-seven (27) cited documents;
6. Copies of the twenty-seven (27) cited documents (**NPL1-NPL27**); and
7. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

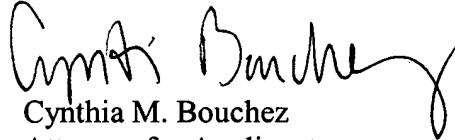
In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
March 28, 2007
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Cynthia M. Bouchez", with a stylized flourish at the end.

Cynthia M. Bouchez
Attorney for Applicants
Registration No. 47,438

VLC/CMB:krh
Enclosures

657261_1.DOC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

LINKER *et al.*

Appl. No.: 10/584,027 (*U.S. Nat'l Phase
of PCT/EP2004/014453*)

Int'l Filing Date: December 18, 2004

For: **Amides**

Art Unit: 1614

Examiner: *To Be Assigned*

Atty. Docket: 2400.0570000/VLC/CMB

Information Disclosure Statement Under 37 C.F.R. § 1.97(b)

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms, PTO/SB/08A and PTO/SB/08B, are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents **FP1** to **FP19** and **NPL1** to **NPL27** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents, **US1** to **US6**, cited on the attached IDS Forms are not submitted.

In accordance with 37 C.F.R. § 1.97(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language documents, **FP2** to **FP6**, **FP9**, **FP11** to **FP15**, **NPL5**, **NPL10**, **NPL13**, **NPL15**, and **NPL27**, cited on Forms PTO/SB/08A and PTO/SB/08B:

Document **FP2**, CH 502 365, is in a foreign language. An English language abstract of document FP2 is attached as document **NPL20**.

Document **FP3**, CH 553 159, is in a foreign language. An English language abstract of document FP3 is attached as document **NPL21**.

Document **FP4**, EP 0 352 581 A2, is in a foreign language. It is believed that document **US4**, US 5,011,849, is an English language equivalent to document **FP4**.

Document **FP5**, DE 43 22 065 A1, is in a foreign language. It is believed that document **US5**, US 5,475,141, is an English language equivalent to document FP5.

Document **FP6**, WO 95/04724 A1, is in a foreign language. An English language abstract of document FP6 is provided on the face page of the document.

Document **FP11**, JP 11-130739 A, is in a foreign language. An English language abstract of document FP11 is attached as document **NPL22**.

Document **FP12**, JP 2001-11059 A, is in a foreign language. An English language abstract of document FP12 is attached as document **NPL23**.

Document **FP13**, JP 2001-11060 A, is in a foreign language. An English language abstract of document FP13 is attached as document **NPL24**.

Document **FP14**, DE 199 58 165 A1, is in a foreign language. It is believed that document **US6**, US 6,787,670, is an English language equivalent to document FP14.

Document **FP15**, JP 2001-348378 A, is in a foreign language. An English language abstract of document FP15 is attached as document **NPL25**.

Document **NPL5**, CHRISTL, M., *et al.*, "Additions of Benzonitrile Oxide to α,β -Unsaturated Carboxylic Esters," *Chem. Ber.* 106:3275-3290, Wiley-VCH Verlag GmbH & Co. KGaA (1973), is in a foreign language. An English language abstract of document NPL5 is provided on the face page of the document.

Document **NPL10**, GOTTHARDT, H., "Isothiazoles by Reaction of 1.3.2-Oxathiazolium 5-olates with CC-Multiple Bonds," *Chem. Ber.* 105:196-202, Wiley-VCH Verlag GmbH & Co. KGaA (1972), is in a foreign language. An English language abstract of document NPL10 is provided on the face page of the document.

NPL13, LE HETET, G.L., *et al.*, "Reaction du Methylazide avec des Olefines Cinnamiques, Crotoniques et Acryliques. Etude des Composes Obtenus," *Bull. Soc. Chim. Belg.* 105:189-203, Comité van Beheer van het Bulletin v.z.w. (1996), is in a foreign language. An English language abstract of document NPL13 is provided on the face page of the document.

NPL15, PIET, J.C., "Reactions des Methylazide et Phenylazide avec Quelques Alcynes et Olefines α -Nitrees. Synthese Regiospecifique des 1,2,3 Triazoles," *Bull. Soc.*

Chim. Belg. 105:33-44, Comité van Beheer van het Bulletin v.z.w. (1996), is in a foreign language. An English language abstract of document NPL15 is provided on the face page of the document.

NPL27, GOTTHARDT, H., "1.3-Dipolare Cycloadditionen Mit 1.3.2-Oxathiazolium-5-Oxiden. Ein Neuer Weg In Die 5-Aryl-Isotiazol-Reihe," *Tetrahedron Letter*:1281-1284, Pergamon Press (1971), is in a foreign language. NPL27 constitutes general background of the present invention.

Documents **FP3** and **FP9** were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38. The search report is attached as document **NPL26** on the IDS Form, PTO/SB/08B.

Applicants would also like to bring to the attention of the Examiner that, for the following documents, the volume could not be determined after reasonable efforts by the Applicants:

NPL7, DOYLE, F.P., *et al.*, "Derivatives of 6-Aminopenicillanic Acid. Part VI. Penicillins from 3- and 5-Phenylisoxazole-4-carboxylic Acids and their Alkyl and Halogen Derivatives," *J. Chem. Soc.*:5838-5854, Royal Society of Chemistry (1963); and

NPL27, GOTTHARDT, H., "1.3-Dipolare Cycloadditionen Mit 1.3.2-Oxathiazolium-5-Oxiden. Ein Neuer Weg In Die 5-Aryl-Isotiazol-Reihe," *Tetrahedron Letter*:1281-1284, Pergamon Press (1971).

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may

not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

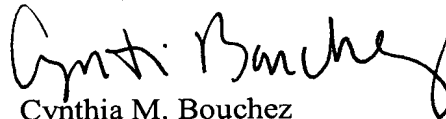
This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Cynthia M. Bouchez
Attorney for Applicants
Registration No. 47,438

Date:

March 28, 2007

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/584,027
				Int'l Filing Date	December 18, 2004
				First Named Inventor	LINKER, Karl-Heinz
				Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	1	of	3	Attorney Docket Number	2400.0570000/VLC/CMB

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
	NPL1	ALCÁNTARA, M.-P.D., <i>et al.</i> , "Synthesis of Aliphatic 1,3-Dinitro Compounds," <i>Synthesis 1</i> : 64-70, Thieme (1996)		
	NPL2	BAE, S.-H., <i>et al.</i> , "Reactions of Tetrasulfur Tetranitride Antimony Pentachloride Complex (S ₄ N ₄ SbCl ₅) with Primary β -enaminones and β -enamino Esters: Synthesis of 4-substituted 3-aryl- and 3-ethoxycarbonyl-1,2,5-thiadiazoles," <i>Heterocycles 53</i> :159-172, Elsevier (2000)		
	NPL3	BAKER, W. and LAPWORTH, A., "Syntheses of Substituted Succinic Acids containing Aromatic Residues," <i>J. Chem. Soc. 127</i> :560-567, Royal Society of Chemistry (1925)		
	NPL4	CATIVIELA, C., <i>et al.</i> , "New Efficient Synthesis of 3(5)-Carbomethoxy-4-arylpyrazoles from 3-aryl-2,3-dehydroamino Acid Derivatives," <i>Synthetic Comm. 17</i> :165-172, Marcel Dekker, Inc. (1987)		
	NPL5	CHRISTL, M., <i>et al.</i> , "Additions of Benzonitrile Oxide to α,β -Unsaturated Carboxylic Esters," <i>Chem. Ber. 106</i> :3275-3290, Wiley-VCH Verlag GmbH & Co. KGaA (1973)		Abs
	NPL6	CRENSHAW, R.R., <i>et al.</i> , "Thioacylation of Enamines. A Synthesis of Isothiazoles," <i>J. Org. Chem. 32</i> :3132-3134, American Chemical Society (1967)		
	NPL7	DOYLE, F.P., <i>et al.</i> , "Derivatives of 6-Aminopenicillanic Acid. Part VI. Penicillins from 3- and 5-Phenylisoxazole-4-carboxylic Acids and their Alkyl and Halogen Derivatives," <i>J. Chem. Soc.</i> :5838-5854, Royal Society of Chemistry (1963)		
	NPL8	FEVIG, J.M., <i>et al.</i> , "Synthesis and SAR of Benzamidine Factor Xa Inhibitors Containing a Vicinally-Substituted Heterocyclic Core," <i>Bioorg. Med. Chem. Lett. 11</i> :641-645, DuPont Pharmaceuticals Company (2001)		
	NPL9	GANNETT, P.M., <i>et al.</i> , "The Capsaicinoids: Their Separation, Synthesis, and Mutagenicity," <i>J. Org. Chem. 53</i> :1064-1071, American Chemical Society (1988)		
	NPL10	GOTTHARDT, H., "Isothiazoles by Reaction of 1.3.2-Oxathiazolium 5-olates with CC-Multiple Bonds," <i>Chem. Ber. 105</i> :196-202, Wiley-VCH Verlag GmbH & Co. KGaA (1972)		Abs

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This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/584,027
				Int'l Filing Date	December 18, 2004
				First Named Inventor	LINKER, Karl-Heinz
				Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	2	of	3	Attorney Docket Number	2400.0570000/VLC/CMB

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL11	HAMADA, Y., and SHIOIRI, T., "New Methods and Reagents in Organic Synthesis. 22. ¹ Diphenyl Phosphorazidate as a Reagent for C-Acylation of Methyl Isocynoacetate with Carboxylic Acids," <i>Tetrahedron Lett.</i> 23:235-236, Pergamon Press Ltd. (1982)	
	NPL12	HYDORN, A.E., <i>et al.</i> , "Synthesis and Characterization of Isomeric Methylphenylisoxazole-4-carboxylic Acids," <i>J. Org. Chem.</i> 27:4305-4309, American Chemical Society (1962)	
	NPL13	LE HETET, G., <i>et al.</i> , "Reaction du Methylazide avec des Olefines Cinnamiques, Crotoniques et Acryliques. Etude des Composes Obtenus," <i>Bull. Soc. Chim. Belg.</i> 105:189-203, Comité van Beheer van het Bulletin v.z.w. (1996)	Abs
	NPL14	MCGREGOR, D.N., <i>et al.</i> , "Synthesis of Isothiazoles--The Transformation of Isoxazoles into Isothiazoles," <i>Tetrahedron</i> 25:389-395, Pergamon Press (1969)	
	NPL15	PIET, J.C., "Reactions des Methylazide et Phenylazide avec Quelques Alcynes et Olefines α -Nitrees. Synthese Regiospecifique des 1,2,3 Triazoles," <i>Bull. Soc. Chim. Belg.</i> 105:33-44, Comité van Beheer van het Bulletin v.z.w. (1996)	Abs
	NPL16	PRAGER, R.H., and RAZZINO, P., "Heterocyclic Synthesis with Azides. III Reactions of Triazolines Made from Arylmethylidenemalonates," <i>Aust. J. Chem.</i> 47:1375-1385, Commonwealth Scientific And Industrial Research Organization (1994)	
	NPL17	RAMIREZ, F.A. and BURGER, A., "The Reduction of Phenolic β -Nitrostyrenes by Lithium Aluminum Hydride," <i>J. Amer. Chem.</i> 72:2781-2782, American Chemical Society (1950)	
	NPL18	SAUERS, R.R., <i>et al.</i> , "Photochemistry of 4-Acylisoxazoles," <i>J. Org. Chem.</i> 55:4011-4019, American Chemical Society (1990)	
	NPL19	SIDDIQUI, A.A., <i>et al.</i> , "A Convenient Synthesis of Amines," <i>Synthetic Comm.</i> 7:71-78, Marcel Dekker, Inc. (1977)	
	NPL20	Dialog File 351, Accession No. 380872, English language abstract for CH 502 365 (listed on accompanying PTO/SB/08A as document FP2)	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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	NPL21	Dialog File 351, Accession No. 463012, English language abstract for CH 553 159 (listed on accompanying PTO/SB/08A as document FP3)	
	NPL22	Patent Abstracts of Japan, English language abstract for JP 11-130739 (listed on accompanying PTO/SB/08A as document FP11)	
	NPL23	Patent Abstracts of Japan, English language abstract for JP 2001-011059 (listed on accompanying PTO/SB/08A as document FP12)	
	NPL24	Patent Abstracts of Japan, English language abstract for JP 2001-011060 (listed on accompanying PTO/SB/08A as document FP13)	
	NPL25	Patent Abstracts of Japan, English language abstract for JP 2001-348378 (listed on accompanying PTO/SB/08A as document FP15)	
	NPL26	International Search Report for International Application No. PCT/EP2004/014453, European Patent Office, Netherlands, mailed on June 22, 2005	
	NPL27	GOTTHARDT, H., "1.3-Dipolare Cycloadditionen Mit 1.3.2-Oxathiazolium-5-Oxiden. Ein Neuer Weg In Die 5-Aryl-Isotiazol-Reihe," <i>Tetrahedron Letter</i> :1281-1284, Pergamon Press (1971)	

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Examiner Signature	Date Considered
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